

What is claimed is:

1. A scented air delivery device comprising:

(a) a conduit having two open ends and at least one side opening in a side wall of said conduit;

(b) a nasal interface affixed to one of said open ends of said conduit, said nasal interface adapted for wearing in close proximity to a nasal cavity of a user;

(c) a means for creating an air flow affixed to the other of said open ends of said conduit, said means for creating an air flow forces air from said other of said open ends of said conduit to said one of said two open ends of said conduit and into said nasal interface; and

(d) means for injecting scent into said air flow through said side opening in said conduit, said injection means affixed to a side of said conduit at said side opening so as to inject scent into said air flow and create scented air in said conduit.

2. The device of claim 1 wherein said nasal interface is a nose mask, a face mask, a tee, a wishbone or an outlet in said conduit.

3. The device of claim 1 wherein said means for creating an air flow in said conduit is a fan blower or a canister of compressed air.

4. The device of claim 1 wherein the means for injecting scent into said conduit is a plurality of scent reservoirs and said conduit has a plurality of side openings, said reservoirs affixed to the side of said conduit, one at each of said side openings, each reservoir having a means to inject scent into air in said conduit.

5. The device of claim 1 wherein the means for injecting scent into said conduit comprises:

(a) a frame affixed to said conduit at said side opening;

(b) a rotatable wheel affixed to said frame, said wheel having an axis of rotation parallel to an axis of said conduit;

(c) one or more scent containers affixed to said wheel, each of said containers having

(i) an outer elongated sleeve affixed to said wheel, one end of said outer sleeve being open and adjacent to a rim of said wheel, another end of said outer sleeve facing said axis of said wheel,

(ii) a scent reservoir having an outlet,

(iii) an inner sleeve concentric with, positioned in, and

movable in said outer sleeve, one end of said inner sleeve being closed and facing said rim of said wheel, another end of said inner sleeve extending into said reservoir through said outlet of said reservoir and affixed to said reservoir at said outlet,

(iv) at least one window in a side wall of said inner sleeve, said window positioned adjacent said one end of said inner sleeve,

(v) a wick positioned in said inner sleeve and extending from said scent reservoir to said window,

(d) means for moving said inner sleeve and said reservoir to open and close said window such that, when said window is opened, said inner sleeve is in said conduit and said window allows scent from said wick to enter said air flow in said conduit and when said window is closed, said inner sleeve is outside said conduit and said window is against an inside wall of said outer sleeve so as to prevent scent from entering said air flow; and

(e) a motor for rotating said wheel to align each of said inner sleeve of said scent containers with said side opening to allow scent from said scent reservoir to be delivered to an air flow in said conduit.

6. The system of claim 5 wherein said means for moving said inner sleeve is a solenoid, a source of electricity, and a spring wherein the source of electricity drives the solenoid to force said inner sleeve upward into said conduit thereby opening the window, and the spring pulls the inner sleeve back into said outer sleeve thereby closing the window when the source of electricity is turned off.

7. The system of claim 5 wherein said means for moving the inner sleeve is a cam and a spring, the cam for opening the window and the spring for closing the window.

8. The system of claim 5 wherein said means for moving said inner sleeve is a motor with eccentric gear that operates on the inner sleeve of each of said scent containers to open said window when said scent containers are aligned with said inlet and a spring which closes said window.